FLORIDA SKIP

SEPT.

VOL. 8 – NO. 3 The All Florida Radio Amateur's Publication ~~AUGUST~~ 1964 Price 20¢

FINAL FIELD DAY SCORES

As promised here are the claimed scores for some of the Florida clubs.

1. Orlando Amateur Radio Club, Inc., W4PLB, 16 transmitters, 2778 contacts, 12,615 points

1. Ft. Myers A.R.C., W4-KC/4, 3 transmitters, 1171 contacts, 7176 points

3. Gainesville Amateur Society, K4DPZ/4, 9 transmitters, 1026 contacts, 6570 points

4. Panama City A.R.C., W4JJ/4, 4 transmitters, 957 contacts, 5742 points

5. Eglin AFB A.R.C., W-4SRX/4, 7 transmitters, 894 contacts, 4638 points

6. Dade Radio Club, W-4NVU/4, 3 transmitters, 701 contacts, 4206 points

7. Pensacola A.R.C., W-4UC/4, 1 transmitter, 571 contacts, 3576 points

8. Beaches A.R.S. (Jacksonville), W4MBV/4, 1 transmitter, 453 contacts, 28-68 points

9. Broward A.R.C., W4-AB/4, 5 transmitters, 410 contacts, 2499 points

10. Floridora Club, WA-4RXP/4, ? transmitters, 398 contacts, 1975 points

11. Coral Reef A.R.C., WA4TNL, 3 transmitters, 266 contacts, 1455 points

The following is the list of the single transmitter entries:

1. Individual group (K4-LDR and W4WHK), W4-LDR/4, 439 contacts, 3951 points

2. Pensacola A.R.C., W4-UC/4, 571 contacts, 3576 points

3. Beaches A.R.S. (Jacksonville), W4MBV/4, 453 contacts, 2868 points

4. Ft. Myers A.R.C., W-4KC/4, 448 contacts, 2688 points

5. Hillsboro A.R.S. (Tampa), WA4GJJ/4, 368 contacts, 2358 points

6. Dade R.C. (Miami), W4NVU/4, 382 contacts, 2292 points

7. Panama City A.R.C., W4JJ/4, 347 contacts, 2082 points

8. Ancient City A.R.C., W4WSB/4, 232 contacts, 1392 points

Our sincere thanks to all those who submitted the above Field Day scores. It is a very impressive list.

Our congratulations go to the Orlando Amateur Radio Club for their outstanding score again this year. The two Jacksonville amateurs, after seven consecutive years, took top honors in the single transmitter entry this year. I believe that you will agree these lads are truly champions.

An official winner announcement will be made after the scores are printes in ter the scores are printed in QST. Official presentation of the two FLORIDA SKIP Field Day Trophies will be made at the main drawing of the 1965 Miami Hamboree. Again, congratulations to all.

Over the Memorial Day Weekend, the OM/YXL team of WA4FIJ and WA4FJF took off for the wilds of Decatur County, Georgia with both harmonics in tow. Three antennas were put up for the long weekend, and both calls were on the air for many hours giving out contacts with that rare county. Shown above is Ellen, WA4FJF, at the "outdoors" station while operating 20 meter SSB. The same antennas were taken down and used during Field Day with the Panama City Amateur Radio Club with good success. Even a little public relations work was carried on when a troop of Boy Scouts from Thomasville, Georgia, turned up and were given a live demonstration of Amateur Radio in action.

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Bill Passano, K4ES
Phone 696-4007

SPECIAL ASSISTANT. Dick Blasco WA4DHU, 6270 NW38th, Virginia Gardens, Fla. 33166.

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FLORIDA SKIP CORRESPONDENTS

FLORIDA SKIP NOMINATING COMMITTEE: Herb Hamilton K4KDN, 1524 S. Lake Howard Dr., Winter Haven— Evelyn D. Gauzens W4WYR. 2780 NW3rd St., Miami 35.

SKIP Photographer, Ross Parsons, K4NVD, 4538 W. Paris, Tampa 4, Fla.

ONYX Mabel, The Old Timer, Gabby, c/o Fla. Skip, Box 501, Miami Springs 33166.

Floridoras, Ellen Ackerman, WA4FIJ, Qtrs "C" Osprey Lane, Panama City, Fla. 32401.

Feature Writer — George Thurston W4MLE, 2116 Gibbs Dr., Tallahassee, Fla. 32303.

DX, W4LVV, Chuck Bolvin, 2310 SW 27th Lane, Miami, Fla. 33133.

VHF in Florida, and VHF Society, Jay Bronson, W4VTJ. 922 Central St., Lantana.

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SEC—Eastern SEC, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 33166

SCM—WEST FLORIDA, Frank M. Butler Jr., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

SEC—Western SEC, George Thurston W4MLE, 2116 Gibbs Dr., Tallahassee.

EX CALLS

Many an old friend have been reunited via this column. Have you sent in your ex calls?

W4KC ex 4BC, 4JP, W8OOD, K4KC/KS4. W4LIH ex W1LIH, W1SLI. W4DH ex 1PY, 1 DR, W8AZF, W2ACT, W4LNK.

* * *

NOTICE: The West Palm Beach Radio Club now meets every Monday nite. First Monday — Business Meeting, others are informal and social. Still meet at West Palm Beach Civil Defense in Howard Park. Winn Hall, WA4KKW, Sec. WPBRC.

FROM THE EDITOR

Some of the greatest decisions in history were made on the spur of the moment. Just sixty days ago your FLORIDA SKIP was faced with the greatest decision of its eight years of production. This was no spur of the moment decision.

Well, by now you know what happened. After nearly five years of careful study we decided it was time to expand our staff so that we might bring to you a better paper, more interesting to read, and on time. Was it worth it? If the wonderful response is indication, we hardly need ask this question.

We have but one regret. Your former Publisher, K4LQS is no longer with us. Hank set the pace, and the style of your FLORIDA SKIP. He brought it up from a four page sheet printed on a letter press, with pictures by electroplate cuts, to the present format with complete offset printing of all type and photos. We will miss Hank as he handled many details from his publishing plant in Naples.

Your new Publisher is a commercial printer in this immediate area. As a guest writer this month, I will try to bring you the inside story of what goes on in FLORIDA SKIP. Your Editor, W4IYT, has been asked by this reader and many others to comment on current events by way of an editorial. Most readers want a forecast of things to come. To start with we thought you would like to learn more about SKIP.

Post Office Box 501 is only the starting point. Each day your many letters arrive amid new subscriptions, notes asking, "What happened to my SKIP last month", checks for thousands of dollars, requests for advertising quotes, "Did you get my HAMBARs OK?", "Can I send you my color photo and will it print in black and white?", and more subscriptions, mostly renewals. Boy, oh Boy! How all this mail gets answered is beyond me. Being a member of the staff is like working for a three ring circus.

Serious for a moment, some 32 Guest Writers and Editors contributed last month. Your Editor and four staff members coordinate these efforts and confidentially between them, SKIP is practically memorized before you get a chance to see it in print. Only the very best gets by your Editor.

Our business manager, W4GGQ, is no slouch on a typewriter. You should see her knock off 400 labels at a lick. If you received SKIP gratis this month through the mail, you can thank Betty for she was the King-pin over this operation.

Dick, WA4DHU, our office assistant can lick his weight in address labels while W4JO, in Advertising, is stamping "Sample Copy" over his shoulder. K4ES keeps a keen ear for new recruits and being in charge of Circulation he is ever mindful of getting your "Sample Copy" to the readers who will do the most good.

I wish you could see your Editor addressing SKIPs on the new (to us) address-plate machine. The first thousand click by before the machine gets nicely warmed up. He could easily handle many thousand in one afternoon.

By the way, your subscription is promptly processed by W4GGQ. If it is a renewal, Betty adds the new date and polishes off your address plate for another year. If it's a change of address, technically everything starts over again—new record, new plate, new address. The average runs as high as 30% membership change of address each year. Why just this month 24 out of 400 specific sample mailings were returned because of change of address, and this list was supposed to be only two months old. SKIPS returned by the Post Office for lack of proper address require prompt payment of 10¢ postage due, whether we like it or not.

We recently adopted a plan to also place a large quantity of the FLORIDA SKIP in the hands of our advertisers and news stands for resale. In some areas this has proved by far

(QSY Page 7)

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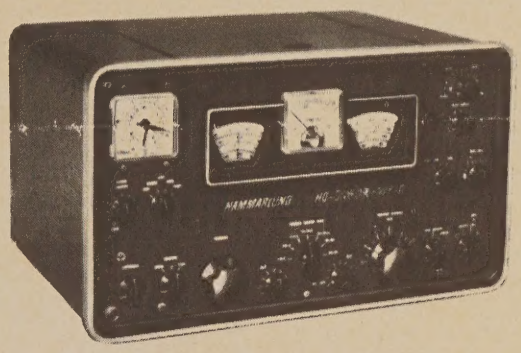

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A PUBLIC SERVICE

About noon, 17:00 Z, on August 4, 1964 WA4ECY Pensacola Florida contacted a VEØMU via 20 meter SSB. VEØMU was operating as a maritime mobile, from a 30 foot boat, on board were VEØMU and his wife. .They were .apparently en-route from Bernuda to their home port. .However in their travel they had encountered a severe storm that lasted for possibly 3 days, during which time they were blown far off their course and when the storm subsided there was some doubt as to their positions.

Eric the navigator-captain used Consul to try and establish his position, however Consul is ambiguous, in as much as it repeats itself every so often. To use Consul you must know your approximate location to start with. Eric was able to come up with three possible positions and requested some assistance. . Whether there was any other trouble aboard is not too clear to this writer, however he was lost for sure.

At this point enter WA-4ECY who through his efforts managed to get the Coast Guard interested. . . VEØMU apparently had a battery operated SSB rig that he was using to keep contact with ECY, for their were times when he had to recharge his batterys to stay on the air.

A search was started and continued through the night, contact was maintained with the craft and finally in the AM, aircraft from the Coast Guard, and a carrier in the general area managed to locate the Jean Pierre and VE-ØMU. Several bearings were taken via amateurs prior to his discovery and one given by WA2RAU and one other station further south when plotted by me on chart C& GS 1000 came within 15 miles of the eventual discovery point.

It was these amateur bearings that actually pinpointed the general area for search. During the search period the U.S. Coast Guard were operating in the 20 meter band so that constant contact could be maintained with the exsisting link between VE-ØMU and safty.

The Jean Pierre had regular ship to shore, but the range was short and until the search craft came within a few dozen miles it was of no use. .Actually they homed in on 2182 after getting in the general location.

It was a wonderful thrill to hear the Coast Guard operator tell the many stations listening, "TALLY-HO!!!!! we have him in sight!! The good ship Jean Pierre with VEØMU and his XYL were found, they were on or about one of his origional plotted positions, and were about 480 nautical miles from Cape Henry, Va.

WA4ECY and the many, many other stations that were working on this are to be commended for their efforts and for the amount of time that was put into this Public Service.

The total elapsed time that the frequency was kept clear was about 28 hours. The situation was considered serious, but even so there were times of comedy, as an example, about 16:00 Z two DX stations got on frequency, a DL working a JY. I sure would liked to have had the JY, but some one moved them off. .C'est la vie

Lest there be any misunderstanding the writer was in no way involved in this operation, just a very interested spectator. . .and it was the first time XYL has ever shown an interest in ham radio. . Good work all.

George M. Hunt
W4NUT/MM

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Dave Hayden W4WHK and Pete Shaw K4LDR stand beside their FD set up just after knocking over 3951 points. Truly a remarkable score for only two operators. More on these two lads later.

160 Meter DX

Congratulations to W1BB and ZS6BCT for thr first summer DX worked at 0435 to 0455 GMT, Wednesday July 15th on 1809kc. BCT using only 10 watts to a doublet was peaking 349. W1BBs sigs were 449/569 using 100 watts to his 260 foot high inverted VEE. ZC-6BCT set up the schedule by first oberving WCC's peaking times — then air mailed W1BB for schedules. Contact was made on the second try.

Anyone in Florida working any DX? Do you want a 160 meter column in SKP? We will be glad to print it, if someone will supply the copy. What say 160'ers?

Bill Dunham Fund

Please send all contributions to the BILL DUNHAM FUND to: H. H. Osborn, Jr., K4DYB, 2239 Fiesta, Sarasota, Florida. Mr. Osborn is the Secretery of the Sarasota Amateur Radio Club, and is handling all donations for this worthy cause. Thanks for your help.

Annual VHF/ UHF Picnic

Please don't forget the Annual VHF picnic will be held Sunday after Labor Day, September 13th at Peace River Park, located 2 miles East of Bartow on Route 60.

Bring your own lunch and item worth at least $1.00 to put into the "loser take all box." There will be a 2 and 6 meter transmitter hunt and W4UWH said he will not participate this year. Ice cream and soda pop will be on sale at picnic. For more details contact: Dale B. Jones WA4DRJ, 520 Ave. L. SE, Winter Haven. Fla.

Western Florida News

W4RKH

Tallahassee: K4IYJ, former TARC member, joined Silent Keys. K4DAD is looking for new TARC members on the FSU campus. W4-MLE has switched to SSB with a HT-37 procured from K4OHR. Gene is back on AM temporarily, with the AF-67. K4YPI has a Viking 6N2, and has worked as far as Panama City, using a 2-band quad.

Panama City: W4ZJB, W4YLY and K4VFY were appointed Asst. EC's for Bay County by WA4NRP. WA-OGP has a new Valiant. WA-FJF won USA-CA award. WA4FIJ is building a new 432 mc. converter; he keeps regular skied with Orlando on 2 meters.

Fort Walton: EARS was host at a picnic at Eglin Field #9 for the West Fla. Phone Net members and area hams. About 40 hams and their families were on hand for a fine get-together. New calls head on 2 meters: WA-2HZR, WN4UIU, W4HTG and WA4RDU.

Pensacola: K4SMB has new working hours from 11 PM to 7 AM, which is cutting into his hamming activity. K4SOI traded his VHF transverter for an HT-32B. W4PAA has a new fold-over tower.

Top Secret

By GABBY

Dear EDITOR:

I can't help but step out of character for a few moments to comment on the lovely article in last issue of SKIP. Perfect English, good composition and well written, but we may have missed the point.

I won't quote Webster or Shakespeare, (spelling checked with Webster), as we only have a mild speaking acquaintance. But, I feel that I can express myself without their assistance and be understood by most hams. Anyway, no Tar and Feathers yet, What. . .? do I smell tar cooking??

What we really need is more News and more subscriptions to SKIP in Northeast Florida. Sure, occasionally some one gets the Grid bias wrong and lets his tubes run hot, but the steam that blows the whistle, never turns the wheels.

Now, whether we be Doctor, Lawyer, Truckdriver, or Fireman, let us quote Ohms Law, ARRL Handbook or QST and stick to our common interest, and may the tail never wag the dog.

73 GABBY

SILENT KEY

Col. John C. Alison, W4-VIA, retired, Pompano Beach, passed on June 22, 1964. John was very active on 40 and 15. His Viking II was well known on those bands. (From K4LJS)

New Policy

Ever since FLORIDA SKIP first started back in June 1957 we have been offering a very useful service to all licensed amateurs through our HAMBAR columns. Many thousands of dollars worth of amateur equipment have been sold through this column at absolutely no charge to the amateur.

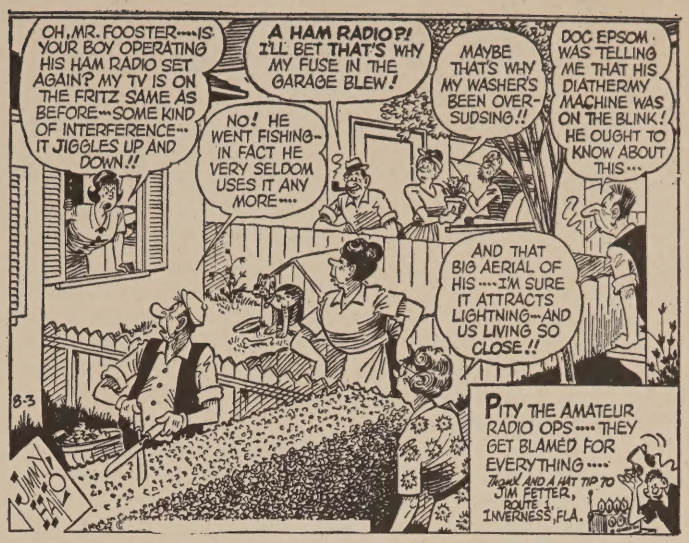
Recently many non-SKIP-subscribers have been taking advantage of the HAMBAR section. We feel this not fair and many of our "paying" subscribers feel it is not fair.

Effective August 1st, 1964 the revised SKIP policy on all published HAMBARS must come from a SKIP subscriber ONLY (limit 3 per year - additionals $1.00 each) and he must be a licensed amateur. No exceptions! Non-subscribers and non-amateurs - $1.00 each. After August 1st, 1964 all HAMBARS will be returned to the non-subscriber with a copy of this new policy. If they wish to support SKIP with their subscription we will be happy to take their HAMBARS. ALL HAMBARS must not exceed 10 lines.

Our deadline for all copy and HAMBARS is the 10th of the month. Give full name, call, address, and phone number.

Please be advised and tell your friends accordingly of this revised policy.

Thank you,
Staff of FLORIDA SKIP



COOPERATIVE EFFORT

The rapid growth of electronics technology-leapfrogging in a dozen directions at once — requires broad scale cooperative effort within the industry and the profession to provide effective means of communications.

It is most appropriate to quote it here. It is, my fellow amateur, the same condition occurring in ham radio. The day is past when you can idly sit by enjoying the activity as a "hobby". You are going to have to get in some of the activities and justify the operation as a "SERVICE" not a hobby. If you don't care to do that you had better start looking for a new hobby. With the pressure on the Commission for more frequencies from all quarters we just cannot continue to exist as a "hobby".

Onyx.

ARRL APPOINTMENTS

Here is a list of ARRL appointments for OES in E. Florida supplied by W4GJI: WA4BMC, WA4DKG, WA-4EVQ, WA4GBM, WA4-GDC, WA2GJT/4, WA4IXI, K4IXG, W4MIN, W4NOK, WA4MKE, WA4PNH and K4VEJ.

Any VHFer interested in the OES appoint kindly contact your SCM, whose address appears on page 2.

Roses are Red
Spinach is grin
So instead of a two
I'll send you a fin.

Question to Mae W3CUL

What are you going to do when you retire? Try to make BPL?

Onyx

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THE JUNK BOX

This is the first of a series of articles to appear in SKIP each month. We hope that you'll enjoy these little gadgets that can be built up from "the junk box".

This month we have a little SWR bridge submitted by yours truly. It is basically the "Monimatch" circuit with a few changes. With a good junk box and some spare time, this gadget will be a welcome accessory to your shack.

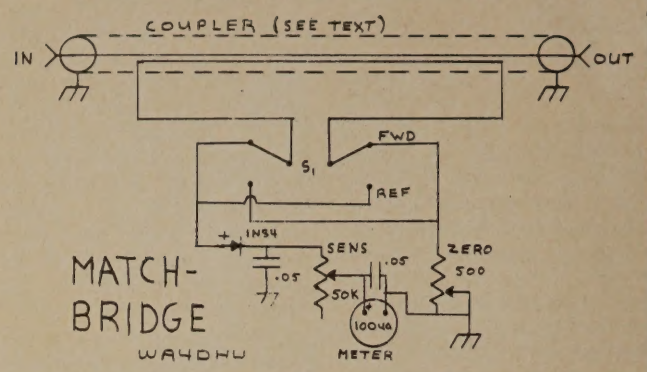
The "coupler" is made by stripping a 36" piece of spare coax and inserting some hookup wire under 30" of the copper braid. This is done by pushing the braid towards the center, inserting the wire, and smoothing out the braid. The coupler is wrapped around the meter case, and held in place with some solder. The rest of the circuit is self-explanatory, and parts values are not critical. The diode may be any general-purpose type, and the meter may range up to 1 ma., with an appropriate loss in sensitivity for low power (under 50 watts).

The bridge is calibrated by connecting between the rig and a dummy load, adjusting the sensitivity for full-scale on forward, and adjusting the zero control for a null on reflected.

Accurate SWR readings may be taken by using the formula: SWR = (Rf+Rr) ./. (Rf-Rr), where Rf and Rr are the forward and reflected readings, respectively, in ma. or ua.

If you have a little gadget, please send us a diagram and explanation to P.O. Box 501, Miami Springs, Fla. 73

Dick Blasco, WA4DHU
Spec. Asst. to Editor



HARS NEWS

By Bill Lynn K4VAO

It is official Tampa will have a hamfest. Date: Oct. 11, 1964. Place: Sulphur Springs Pool and Recreational Area in North Tampa. Sponsored by: Hillsborough Amateur Radio Society. All the committees have been selected and work delegated so things are running very smooth so far. Most all members are quite busy.

We believe we have the most perfect spot in Fla. for a hamfest. HARS has obtained permission from the North Tampa Chamber of Commerce for the exclusive use of the entire recreational area. This includes the picnic area, the large beautiful flowing pool, swings and play things for the kiddies, the huge enclosed pavillion where the swap tables will be, and acres and acres of free parking. All this is located on the banks of beautiful Hillsborough River where you may fish or boat. We can be reached by land, sea, or air. Speaking of swap tables we have plenty of room so bring all your swapping gear.

A free meal ticket will be given you when you register ($1.00) for the main gift which will be a nice am-fm portable radio. This is something the whole family will enjoy. Extra meal tickets for the family may be purchased for 25¢ each and extra main gift tickets may be had at 3 for a $1.00.

This is to be an old fashioned hamfest with gifts galore so plan on coming and bring your friends. We intend this to be non-profitable and non-commercial.

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FOR SALE!
COLLINS SSB STATION

Item	List Price
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COLLINS 136B-2 Noise Blanker	125.00
COLLINS 312B-5 Station Control, consisting of separate VFO, Wattmeter, Phone Patch Control Switches & Speaker	350.00
COLLINS 30S-1 2KW PEP Amplifier	1,560.00
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Mosley Trapmobile (10-15-20) Mobile Antenna	22.00
1 each - 40 & 80 meter Mark Mobile "Heliwhips"	22.00
Formica Operating Desk - custom-built w/all operating controls, antenna switches, dummy load, fans, etc.	225.00
Total Retail Value	3,944.50

Will sell entire station, plus many extras, as listed above

ONLY $1,750.00

Will consider best offer, or offers on separate items

DON BARRON, W4YGU
1428 S.E. 10th ST., Pompano Beach, Fla.
Phone 942-5715

FROM THE EDITOR

(Continued from Page 2)

to be the best method of finding new subscribers. Month before last, 500 extra copies were made available by this method; last month 300 were consigned. As new subscriptions come in these will be reduced still further in these areas so that we can search out and place SKIP where it is wanted most. In the last two months over 2000 free copies have been mailed or distributed in the Florida area. Your response to our new format has been wonderful and we thank you.

Your HAMBAR is retyped, double space, and grouped in the order received. Once we are ready to go to press, your HAMBAR is typed on a special electric typewriter, which resembles a teletype machine. Oddly enough, no ribbon is used. Each character is a photo transparency and with focused light, a perfect image is projected on photo-sensitive paper. The end result is a master copy from which a large metal plate is photo etched. This is called offset printing since the surface edges are off-set to take or reject the printing ink as the paper speeds over the rollers. All sixteen pages of SKIP is printed simultaneously. All of the thousands of eventual copies of SKIP flash before your eyes in less than 20 minutes!

Advertising has become a necessary part of the publishing business. Without it the whole system of our national economy would collapse. Your Dealers would suffer for lack of interest in their products, your manufacturer would soon seek other more lucrative fields to conquer. Good advertising is instructive advertising and this is what we encourage. If you want the best in life, don't wait till the spirit moves you and you must make this important decision on the spur of the moment. Study what others have to say. We hope you analyze these qualities carefully so that when you must act you will have the facts. If we have helped you we will feel rewarded.

73,
Frank, W4JO

A PRAYER FOR THE MIDDLE AGED

Lord, Thou knowest better than I know my self that I am growing older and will someday be old. Keep me from the fatal habit of thinking I must say something on every subject and on every occasion. Release me from craving to straighten out everybody's affairs. Make me thoughtful but not moody; helpful but not bossy. With my vast store of wisdon, it seems a pity not to use it all, but Thou knowest, Lord, that I want a few friends at the end.

Keep my mind free from the recital of endless details; give me wings to get to the point. Seal my lips on my aches and pains. They are increasing, and love of rehearsing them is becoming sweeter as the years go by. I dare not ask for grace enough to enjoy the tales of others' pains, but help me to endure them with patience.

I dare not ask for improved memory, but for a growing humility, and a lessing cocksureness when my memory seems to clash with the memories of others. Teach me the glorious lesson that occasionally I may be mistaken.

Keep me reasonably sweet; I do not want to be a Saint—some of them are so hard to live with—but a sour old person is one of the crowning works of the devil. Give me the ability to see good things in unexpected places and talents in unexpected people. And, give me, O Lord, the grace to tell them so. Amen. "Copied"

NOTICE CORRESPONDENTS

We are sorry but it's impossible to get all the columns in this month. We will attempt to run it in the next issue.

EDITOR

Letters To The Editor

Editor SKIP:

Here are the FD logs, I hope, in the nick of time. I just haven't had time to sit down and write anything about our FD operations. Maybe if I get a couple days off next week I can get something up for the next issue.

Our FD location is the Orange Park Community Center. They have dances for the teenagers here and wives' club meetings, etc. We are fortunate to have such a fine place to go on FD. We had several visitors this year as we do every year. People just see all those goofy wires and stuff and have to see what is going on.

By the way, this was the first year that we used a beam with good results. The last time (3 years ago) it was a borrowed one that didn't work at all. This year we used my TB-1000 and it paid off.

This year is the seventh consecutive year that Dave and I have gone on FD as a team. The first year was by accident and we liked it so much that we continued.

73,
Pete, Shaw, K4LDR
Jacksonville.

Editor, Florida Skip:

Enclosed please find my personal check for $5.00 to continue my membership in the FLORIDA SKIP for the next 3 years. Wouldn't want to miss a single issue as we thoroughly enjoy any news from our favorite QTH, especially amateur radio news.

For the past 10 years we have visited the Miami area during our annual vacation. We invariably extended as long as we dared, mainly because we were so fond of Florida in general. Hope to make that our home QTH sometime in the near future.

Well, enough of this chatter — just want to tell you that we think the FLORIDA SKIP is TOPS.

73
Frank J. Rentja, K3VRM
Erie, Pa.

Editor SKIP:

That's good news as reported in August FLORIDA SKIP that the amateur radio commemorative stamp has finally been approved by the Postmaster General and will be issued this fall or early winter.

Just to keep the record straight and not to minimize the efforts of Herb Ziegler, K4LCF, in writing Senator Holland or the latter's interest in making his recommendation to the Postmaster General this project was sponsored by the ARRL years ago and has been urged periodically by the League.

It was in the works before I left ARRL Headquarters in 1945 as I remember considerable pressure being brought to bear by Secretary Warner and other League officials on the Post Office Department and Congressmen at that time, and the matter has been periodically revived ever since to its successful conclusion.

Congratulations to the League and interested individuals for their efforts.

73,
Charles Service, W4IE

Editor: Florida Skip:

Your reminder card just hit me in the pocketbook, but for two bucks, the value is great.

Looking forward to my retirement from the Marines next year, and will be settling somewhere in the Sunshine State. One big reason for the choice of areas, is that Florida HAMS are the nicest folks in the world. Have met quite a few of them in person, and a lot more on the air. All are real supporters of the Chamber of Commerce.

I was Chief Op at W4NTR for almost two years, and still dabble with the station. While visiting Dave, HI 8XAA, last year, I got myself promoted out of my job, and now make A First Sergeant. Real optimistic about my forthcoming retirement, and hope to wind up with one of the Florida law enforcement agencies. Even went so far as to prepare a resume, whatever that is. I come equipped with one wife and two daughters and one HAM ticket. Can hardly wait till we're settled enough to get a decent antenna up in a permanent location.

FLORIDA SKIP is one way of keeping tabs on my future neighbors. Have enjoyed reading same this past year, and hope to continue my subscription after retirement.

73,
73,
BOSO, K4PYV
Fairfax, Va.

Editor FLORIDA SKIP:

As I see things, the Amateur with ARRL or Prince Porsche, have a fine emergency network with this Fraternity, be they in sympathy exception. Where does SSB and RTTY fit into the picture? Some say it is a matter of funds and personnel but I can't help feel that some of it is the same old inertia to new ideas.

As you know I like CW and have used it in amateur, government, and commercial work for more years than I sometimes care to recall. I did, however, 25 years ago have to give into the faster modes of communications to handle the volume of traffic that began accumulating.

Don't misunderstand, I will be in there pitching for CW as the mode when all others fail but those are the exceptional circumstances and it is in the other periods where we must of necessity get in step with the times. If we do not we are going to get clobbered with stacks of traffic that we might as well send via file 13.

Here are some side line views:

There is a definate need for SSB and RTTY supplementing, if not paralleling the region and national nets. SSB for the short length messages and moderate volume nets.

RTTY for movement of bulk traffic. The past two SET operations here in Florida produced some dillys. Many of the CD stations had messages with word counts of 400 and 500. You know what they can do to even a fast manual circuit. You are going to have to face facts—such messages will be realities in an actual emergency in spite of all of the present stressing for brevity.

There is a definite need for a net (cannot at the moment say which mode, although I favor SSB) for what I term a command or operational circuit reserved exclusively for that purpose. The lack of a properly operating facility of this type has been the cause of a large number of confusing and sometimes stupid pile-ups.

I believe the equipment and personnel for these SSB and RTTY nets is now available. In the early stages of SSB and RTTY most of those using these modes where experimenters and individuals with little or no interest in traffic and net operation. That is no longer true. With the advent of ready made equipment and surplus teletype machines we have acquired a group that have almost diametrically opposite viewpoints. Yes, there is that element that want to do nothing more than rag chew but the majority I feel are sitting there waiting for someone to set up something interesting enough to tax their abilities and make them useful.

While I am not particularly critical of the Leagues actions and plans I do feel that there has been some misplaced emphasis. Somebody up there recognizes the needs for public service activities but they fail to recognize and use the new tools available to accomplish the job in this fast growing age.

I believe that with the proper organization, program, and direction from the League, the two new modes of communications, ie., SSB and RTTY can be incorporated into the present plans of operation and really expand the benefits of the Public Service program.

I also feel that unless the League starts moving in this direction it faces the risk of having someone else move in to set the pace.

73,
Vance Murr, W4FWI
Miami Springs.

Hi Andy:

Here are two bucks in answer to your roses are red bit—would hate to miss an issue of SKIP.

Wanted to let you know that K4-NTD now has the 432MC record for Florida by working W4FWH/4 on a mountain in North Georgia during the VHF QSO party in June. Distance is 450 miles. However, records are made to be broken and probably by the time you read this W4GJO, W4UWH, WA4BYR or some of the other 70 cm gang will have improved on this. Rig here is a varactor diode tripler running a rockcrushing 10 watts output into a 10 over 10 skeleton slot antenna. Receiver is 6299, 7077 converter of W4UWH design feeding into a 75A-2.

Also glad to see a blurb or two about 160 meters in SKIP. Worked a little 160 this winter and found that some nites could get out like a bomb with makeshift long wire (80 mtr coax shield) for antenna and other nites couldn't buy a QSO for anything. Wonder if the other fellows found this true? Also wonder how many QSY from 432 to 1.8 MC for an evenings hamming?

Am not much of a traffic man here but thought you would like to know that the only "Alaska traffic" handled here was 1 received from K4ZXS in Orlando on 2 meters and passed to W4GJO and 432 for delivery in Sarasota. Grid said this was the first message the lady had from her family after the quake.

Keep up the good work, Andy, and CU. . .

Vy 73,
Jack Ross K4NTD
Oakland, Fla.

Editor, Florida Skip:

You good fellows are sort of conspicuous for your lack of coverage of 160—you do it once in a while for which myself and the gang say MANY THANKS. However, how about something EVERY month?

73,
Stew, W1BB

(Editors note: We can't print it, if we don't receive it, now can we? Anyone for a 160 meter column

---

Editor SKIP:

Will complete basic August 28, and have a week or so before school starts at Ft. Monmouth, N.J., home of the Army Signal School and K2-USA.

Will be taking a 33 week course in Electronic Warfare Equipment Repair and then go on assignment with the Army Security Agency. Might go overseas after school, in fact chances are better than average, so may end up in Europe or Asia or something.

Please pass along my best to the ARPSC members at the next meeting.

73,
Don Murray, K4FMA

Hi Andy:

The enclosed check is payment for one year renewal subscription to FLORIDA SKIP.

As per request on your little card, my number one "pet peeve" is the jerk that insists on working CW in the phone bands. I know it's legal but, in my opinion highly unethical, except in extreme emergency. I am not against CW as such, but I am a firm believer in PHONE in the phone portion of the band and CW in the CW portion. I would like to see a paragraph or two on this subject in your magazine. Incidentally I am not a new-comer to ham radio, having been licensed since 1921, and have done a lot of "brass-pounding".

73,
Fred R. Wilson, W4LUF

Having read about Bill Dunham W4TRS, in FLORIDA SKIP, his serious heart condition and his need for funds, I am enclosing my check and ask that it be added to the BILL DUNHAM FUND.

I, too, am a heart patient, tho not as serious as Bill, I know some of his problems. May the Lord go with Bill and keep him all thru this trying time.

73
Bud Love, WA4FOQ
Tallahassee, Fla.

(Note from Editor. Thank you Bud. Am forwarding your check to H.H. Osborn Jr. K4DYE, 2239 Fiesta, Sarasota, Fla., who is in charge of the FUND. All donations should be sent to Mr. Osborn.)

NOTICE AWARD HUNTERS

For those who are in hot pursuit of the USA-CA Awards, I will be active from the rare parish of Cameron, in Louisania, for the next several months. I can be reached for schedules on 80 and 40, SSB and CW, at the following address: Ken Kopp, WA4HAA, Government Radio Station, Johnson Bayou Route, Cameron, Louisania, 70631.

HARE AND HOUNDS

WA4EJP Roland Livernois

Another successful transmitter hunt on six meters on July 12 with all stations starting from North Dade Jr. College at 1:00 PM.

The participation of the following was greatly appreciated, WA4MKD, WA4-RLL, WA4KIL, WA4MHW WA4TVN, WA4OBU, WA-4PWF, WA4LHK, WA4-KSC, WA4FZV, WA4LJG, WN4SWB, K4KXR, WA4-BPX, Kathy and Gary Stinson, Mr. Lightner, Barry Grover, Frank Byous, 1st place went to WA4RLG with a prize of a 6 meter 3 element beam donated by K4-KXR, 2nd place to WA4-LHK with a prize of a 6 meter vertical antenna donated by K4KXR, 3rd place to WA4MHW with a prize of a vernier dial, 4th place to WA4PWF with a prize of a one year subscription to Florida Skip donated by WA4FZV, 5th place to WA-4OBU with a prize of a one years subscription to Florida Skip.

The transmitter sight was in a wooded area near Red Road and West 65 Street, Hialeah, it was accessable only by dirt roads over and through the fields. Construction type danger signs and one reading no hunting except for transmitters on the back were used at the entrance and seemed to work for awhile. Add to the confusion, a detatchment of marines on weekend bivauc moved into the area and made things a little more interesting. After all, who but a ham would disregard all these things and procede onward? All we needed was some live ammo going off and it would have been a real test of nerves.

WA4LHK had some trouble with his portable power unit. It would only run five minutes at a time and was also stopped by the police. WA4LJG and WA4-CVW tried a short cut through the FBI pistol range and spent twenty minutes trying to explain what they were doing to a couple of military police. Even had to verify it over the air before they could proceed. Ever try explaining the fundamentals of a transmitter hunt to a M.P. twenty minutes? Frank Byous rattled the local drivers as he drove around with a full size 5 element six meter beam on the top of his car and back seat full of equipment.

This proves that the six meter amateur can mobilize in a matter of minutes and meet any emergency that may arise. It was a good showing of skill and equipment and the cold drinks and certificates were a welcome reward. The certificates are suitable for framing and were supplied by K4KXR. If you would like to have one take part in the next 6 meter trasmitter hunt. Details to be announced at a later date.

So, as the old saying goes, "Tally-Ho the Fox," I mean rabbit, and good hunting.

Broward County News

The Gold Coast Marathon went off almost without a hitch here in Broward. Everything was organized and went smoothly. A total of 9 hams participated. These were K4YBL, K4R-HL, WA8FAE/4, K4OAP, WA4HEL, WA4HED, K4-WSA, & WA4FND. We had 4 mobile stations. The only major thing that went wrong was that Jake, K4YBL, had a heart attack Saturday night and we had to find another net control. 6 Meters was used exclusively here in Broward.

Ed Wheeler, K4LJS, was also in the hospital this month. He was just getting ready to move up to Maine when he got sick. Ed has been the editor of the Broward Ham News for some time now and did a wonderful job.

Broward County has 3 emergency nets, 10, 6, and 2 meters. They meet on 28.-580, 50.445, and 145.230 mcs. respectivily and 2000 each Monday night.

73 Doug Smith K4OAP

Here is the Old and the New Net Manager of the West Florida Phone Net that is — WA4FIJ, Dick of Panama City and K4NMZ, Bob of Milton. Bob takes over as Dick departs for another U.S. Naval assignment. Good luck to you both (Photo via W4MLE)

SUNCOAST VHF CLUB NEWS

Nancy WA4EDL

Time nor space permits me to tell you the full details of our Hamfest. But we feel it was a good one. Saw many of our old friends again this year and had lots of new friends attend. Hope all had as much fun attending as we did in having them. At least 60 went home with goodies. W4IYT Andy was our Guest at the hamfest.

I hope all those who take Skip will get a non-subscriber to take it and find out what Florida Skip has going for us. Lets all get a shoulder behind Andy and show him how much Skip means to us all.

By no means forget your AREC program. The Winner of the Heathkit Two'er given as first prize was: W4-GRW Bob. Winner of Coax Vertical, WA4LBS EZ. Congrats to both. The club and any who want to join us are planning our annual motorcade to Bartow again this year. See you?

We had a wild trip through Texas this year, WA4ILY Pic & Viv WA4KYA heading for Cincinnati, K4WXS Lee and OM heading for New York.

K4HQA-Art doing a real FB job as NCS for the 6 meter net along the Suncoast. He's one of the first 6 meter gang in these parts, along with K4EAC, K4AVH, K4-LYS and others. W4YU Hote now can hotrod around yaking up a storm on his mobile rig.

W4WPF Marvin Kaniss became a silent key July 21. We will all feel the loss. To quote many "His diplomacy, wisdom, and his quality to place good above bad, his knowhow will keep him long in our memories."

73

ARRL APPOINTMENTS

OBS: —WA4BMC, W4-CKB, W4CWD, K4DBT, W-4EHU, K4ENW, W4FP, W-4JQ, K4JWM, WA4JYB, W4LSR, W4NOK, K4QQE, W4RWM, K4SJH.

OES: — WA4BMC, WA-4CNZ, WA4DKG, WA4E-VQ, WA4GBM, WA4GDC, WA2GJT/4, WA4IXI, K4-IXG, W4MIN, W4NOK, W-A4MKE, K4VEJ.

If anyone is interested in an ARRL appointment, contact your SCM for further details. See his address on Page two.

SCM's CORNER E/F

W4GJI

The Alaskan fiasco is one that should bring to the attention of the Amateur that decadence has set into an appalling extent. The complacency of those who pretend to practice the art under the fundamental rules and prerogatives yet do nothing other than chew the fat from morn til night about girls friends and matters that sometimes border on the obscene is showing.

Further, these appliance operators are the very ones who have screamed the loudest. The most sad part of the facts is that these cannot be brought back into a line of usefulness for most of them never had any capability beyond that of a glorified CBer.

Thus in an emergency the load of responsibility falls upon those Amateurs who have devoted years to competent public service; ones who are capable of reasoning and to comport themselves with the rstraint and compliance which such occasion require. BUT, what chance have they got when the bands become stampeded by a horde mouthing stupidity that borders on hysterical idiocy?

In ARPSC NO. 2 Mr. Hart stated —" We have often said that the NTS is a limited-load system." One might wonder, since this fact has been obvious for years, why has the Leaue persisted in only one mode?

The SECs of Florida have been forwarding for some time a plan to employ SSB-RTTY for an updated NTS. Whether the League can adjust itself so radically is to be seen. However, Florida Civil Defense has been working on a RACES AREC plan for two years and is in process of implementing the use of SSB as command and RTTY for the bulk traffic and League conformity to this should be an obvious must in this enlightened age.

Very simple, yet powerfully effective with proper guidance and support. So let's us in Florida get woofing for competent operation and compliance in the art that once was proudly, even respectfully, known as Amateur Radio.

In the same ARPSC bulletin MLE is quoted as saying in essence that welfare traffic is "Crap". This is not a very delicate expression for a so-called professional writer, but, nonetheless, it is indeed cogent. Ask any guy who has sat in a pile of rubble or a puddle cranking a band generator while trying to be heard through the high powered 'crap'. May your tubes run cool!!!

ARPSC NETS

	QNI	TFC	SES	AVG
FPTN	402	115	27	4.25
WPTN	562	181	30	4.83
FMTN	560	257	29	9.5
QFN 7-11	539	265	62	4.4
VHF N	218	92	21	4.38
DEN6	41	16	4	4.0
TPTN	436	110	31	3.08
GN	-	154	31	5.0

FLORIDA SKIP

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FLORIDORA YL NEWS

Ellen Ackerman, WA4FJF

Conditions on the FLORIDORA Net are picking up with the gals getting back from vacations and the children back in school. Meg, K4HSC, was able to check in with us from Hiawassee, Ga., and made us envious of her cool weather although she had to go stir the preserves between transmissions. Good to have Joan, K4JXZ on the net from her new QTH in Ormond Beach and also Mildred, K4JGU, with the news from Hollywood. Mildred gets up at 5:30 A.M. to meet the Eyebank Net for the Miami area. She gave us an interesting description of the activities of that net.

All roads lead back to Florida for children and grandchildren; K4RHL, Ellie, enjoyed a visit from her daughter and 2 jr. ops. and really had her hands full with OM Jake in the hospital, company, and keeping up with her net activities. Jake is well on the mend by now but will have to take it easy for awhile. Marge and Jimmie, K4RNS and RNR had daughter Margie with them for awhile before she and OM leave for duty in Hawaii. Ruth, W4BWR, is back on the air, both fixed and mobile, at long last. Her son, Bernie and his XYL visited with Ruth before going to the new job in Huntsville and she kept him busy supplying some muscle (and height) to help get her antennas back up. Ruth is mobiling around the state in a bright red Chevy II now.

The FLORIDORAS participated in Field Day for the first time this year, as a club, and hope that it will become an annual event. Operating from the QTH of K4RHL, the gals erected antennas just for the event and operated from emergency power in Class A. Operation was on 75, 40, 20, 6, and 2 meters and a total of 398 contacts was made. K4RHL, K4PPX, WA4HED, WA4NQS, and Wn4TBF from the Ft. Lauderdale area and WA4NRO, who drove down from Longwood, were the operators for the 24 hour period. Your correspondent regretted not having worked the club station, until, while checking logs for the PCARC she discovered, in her own handwriting, the FLORIDORA club call, WA4RXP/4, entered at 4:30 a.m. Just slightly sleepy!

The new FLORIDORA DIRECTORIES are in the mail and you should have gotten yours by now. If not, drop a radiogram or line to W4BWR in Palm Bay. Ruth has done a FB job and the Directory Committee plans to bring out revisions as necessary to keep the directories up-to-date.

Remember the FLORIDORA Business Meetings on the second Tuesday of each month, 3933 kc. at 1400 GMT.

YL ROUND-UP

For all you business gals and night owls—there is a new YL net meeting on Monday nights. Spearheaded by W4HLF, Arlie, in Virginia, the YL ROUND-UP has check-ins from all over the eastern half of the country. Several of the Florida gals have been checking in and enjoying a good rag-chew after the heavy QRM hours.

The net meets on 3900 kc. ssb or am at 2300 EST (0400 GMT on Tuesday)

The Florida Sidebanders Association

WA4HDH

The regular meetings of the Association take place each Sunday evening at 2200z on 3940KC.

The 227th meeting was held on 12 July and the invocation was given by WA4-GDS. Happy birthdays were wished to W4ZUT, WA4-CIL, and W4PLE. Our 2nd. Vice President, Bob, K4AJ was appointed PEP.

The Program Chairman W4DKJ, Arthur, gave a very fine report entitled "Leave us not be LIDS". In this report it was suggested that the CWabbreviations be left out of SSB fone language since it was not intended to have been used this way!

During the next weekly meeting Arthur gave another fine report on Amateur Radio as it was nearly 40 years ago and he discussed some of the works of the old masters. During this meeting a number of new stations called in to associate with the organization. They were referred to the Secretary during the Sunday evening FAST net which meets on 3940 at 2300Z.

During the 229th meeting, the President, W4OGX called for a moment of silence in respect for our departed member, W4WPF. WA4FIJ gave a very excellent report on the RTTY mode of communications.

The following meeting was called to order on the 2nd. of August. Tip, W4-GJI gave a brief report on the accident which placed our FAST net manager WA4-COR in the hospital.

W4OGX wished happy birthdays to K4HEN and K4AYX. Phil W4MUI is now eligable for Life Membership in the Association. The program was in charge of Andy Clark, W4IYT, SEC East Florida, who gave a very interesting report on the proposal to set up Single Side Band and RTTY networks similar to the already functioning CW net work as a part of the National Traffic System. These paralled networks would be an ideal traffic handling facility during both normal and emergency situations. Andy suggested that all the interested SSB people discuss this with other sideband operators, and write to the ARRL to set up the top leadership. It will take the combined efforts of everyone to get the job done. When working, it will relieve the doubt in the handling stack of traffic.

Andy's talk should give everyone a chance to become a part of a National Traffic System, which is a real public service.

73
Doc, WA4HDH
Secretary FSBA

The Fast Net

Bob Payton, W4GPD

The Florida Amateur Sideband Traffic Net is for the purpose of handling traffic. Some nights only one or two messages—some nights 20 or 30. The text of a few of them is asinine, most are of some importance, and a few are critical.

It does provide enjoyment for these who participate; it provides some degree of public service; it provides communication experience; it sets up procedures which will be valuable in time of disaster and it sharpens sideband techniques.

In order to meet the primary net function, the format is somewhat strict and formal, so that traffice can be cleared rapidly, but as soon as the net is closed, a leisurely gabfest remains. So, for those who are not now calling-in, please accept an invitation to join the group any night you wish. If you want to be added to the roll, just say so, or if you just want to call in when you feel like it—that is fine too. There are a number of cities where we need an outlet: Sarasota, Ocala, Bradenton, St. Augustine, Daytona and many others.

Human nature being what it is, it seems as if the only time that a traffic net operator gets a pat on the back is when he serves in time of disaster. So, hurricane or not, let me state for many who think but never say—THANK YOU.

The FAST NET meets at 2330Z Monday through Saturday and on Sunday at 2300Z on 3940 kc.

KEGS-OF-GOLD SALE
AUGUST 28th . . . Last Saturday of month

Allen-Bradley Pots	24¢
Toggle Switches SPST	24¢
24v Sealed Relays	24¢
Selenium Rectifiers	24¢
Coax (RG8U) Connector	24¢
Octal Radio Tubes	24¢
Chokes, Transformers	24¢
Air Padders	24¢
Mica Condensers	24¢
Vitamin "Q" Condensers	24¢
Wafer Switches	24¢
Tube Sockets, 2 for	24¢
Pointer Knobs	24¢
Many other items	24¢

THE HAM SHACK
2211 N.W. 36 Street
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Drive in
and Park

Shown above is Mike Kirby, K4VFY, operating Field Day with the Panama City ARC. The call the club used didn't phase Mike at all — W4JJ belongs to his OM, Truman Kirby. (Photo by WA4FIJ)

N.O.M.A.R.C.

NOMARC members have erected 75 meter and 80 meter dipoles as addition to the antenna farm and have been working on the intercom installation as well.

WA4KJF/4 took part in the Spring SET as Net Bkey station for Miami. A large portion of the NOMARC members, including many inexperienced SETs, took part in the exercise and things went along pretty smoothly. However, as in any exercise, mistakes were made and Don, K4FMA, Glynn, WA4LHK, and Dave, WA4JYB decided to do something about it. Accordingly, a "dimmed-light" ceremony was held during which various operators were given awards for "Most Errors Made" "Most Original Errors", etc.

St. Petersburg Club News

Cathy Seeds, W4BAV

It was good to see W4EWS—Dick Lahey at a recent Club meeting. Dick was President of SPARC during 1945 & it was he who wrote to Washington, requesting the call of W4GAC for the Club call. W4GAC was formerly the call of Lex Herron, a member of SPARC who joined the Silent Keys.

K4HQA—Art is doing a great job at New Control of the Suncoast VHF Net, held every Thursday night on 50.7 Mc, while WA4GMT is on vacation.

During a 6-meter band opening, W4BAV — Cathy was called by WA8KJX — Claude Bare, who asked that his regards be passed on to the gang.

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Gold Coast Marathon

By WA4KKW, Sec. West Palm Beach Radio Club

For several years, the West Palm Beach Radio Club has provided communications along with the Flamingo Net for the Gold Coast Marathon. We have thoroughly enjoyed it and will probably do it again, if we are asked. BUT: We must have an understanding with the Marathon Committee: If communications are to be handled via ham radio, they must be handled only by ham radio. We are willing and able to provide communications to any point they deem necessary and will do so.

Saturday, July 18, on the run from Miami to WPB, the WPBRC had the Boca Raton, Delray, and the Lake Worth bridges covered on 2 meters and the QRM from CB'ers was so great that the base station at dockside could not hear nearest bridge. This sounds unbelievable that a 5 watt CB station could kill 2 meter communications, but that's what happened.

In the first place, to the best of my knowledge, this type of 'net' operation is illegal unless the CB'er had permission from the F.C.C., and as far as we could find out, they didn't. Then, in the second place, CB was used to relay the boat's passing times from the finish line to the scoreboard and the hams couldn't get the times even though we had a station set up at the finish line. Pelican Harbor wanted the times and all we could tell them was to read Sunday's paper!

After this mess on Saturday, **WA4BMC**, the relay station from WPB dockside to Pelican Harbor, sent a message describing the situation and the following reply was sent: From: **K4PFB/4**, Pelican Harbor, 10:22 EST, July 19 Text: All Radio Communications To Be Handled By Hams Or Coast Guard Only Xray. Signed: Tom Urspruch. Sunday, there wasn't a CB unit in sight!

Now for a report on the activities.

On Saturday, **WA4BMC** was on 6 meters relaying from 1445 Z to 2038 Z. She was in contact with **K4YBL, K4RNG, K4PFB/4,** and **W4HAW/4** with **WA4COR** at the mike. On Sunday, Mike was on from 1448 Z to 1758 Z and was in contact with **K4RNG, K4PFB/4,** and **W4HAW/4** with **WA4ITN** at the mike. **WA4BMC** handled 17 pieces of traffic during this time and we would like to thank her for the wonderful service she performed.

On Boca Raton bridge, **WA4QAB** and a friend were there both days. At Delray bridge, **WA4EFA** and John, **WA4BMC's** harmonic, spotted the boats and on Lake Worth bridge Saturday, **WA4KKW** and his XYL friend spotted and on Sunday, **WA4TBN** was there.

The 6 meter station on the finish line was manned by **K4IFQ** and **K4AUD** and the base station by **WA4COR** on Saturday and the 2 meter base station by **WA4ITN.** On Sunday the 6 meter base was handled by **WA4ITN** and the 2 meter base station by **WA4KKW.** Others helping were **WA4IXU** and **W4WZZ.** Also, we would like to thank **K4TBG** for the use of her Seneca.

The WPBRC isn't trying to cry on anyone's shoulder, but we won't handle the communications again for the marathon unless it is strictly via ham radio. This is one place where ham radio and CB don't mix!

Thanks again to the hams who helped.

Winn Hall, WA4KKW
Sec., West Palm Beach Radio Club

Violet's is Red
Roses's is blue
(I know—I saw 'em hanging on the line.)
K4USK, St. Petersburg

Your face should be red
And your pocketbook blue
For I would have sent more
But you only asked for two!
WA4CIL, Tavares

Notes On Frequency Meters

Al Johnson, K7LQI
ex-W4LSA

Those of you interested in frequency meters may like the following information. The ones in the frequency range from 125 KC to 20 Mc are the BC221 series and the LM series are the navy version. The BC221, LM, TS—174 and TS—175 are battery operated, except that the odd numbered LM meters are usually AC powered.

The BC221, TS—174 & TS—175 all have same type cases as the BC221 with a battery compartment in the bottom which makes ideal space to build the AC power supplies. On one side of these cases is a small hole with a closer which can be used for the power cord and makes it unnecessary to drill a hole in cabinet. A power supply using solid state diodes is ideal. Suggest good filtering and use a tube or Zener regulator for best results and prescision. If you have trouble getting the power transformers, Meshna, Lynn, Mass. has them for $1.25 catalog # T—35. It has B plus 6.3 and 12.6 volts. The Fair Radio, Lima, Ohio Cat. #RM—13—317 at $1.25 can also be used by paralleling the two 6.3 windings or using the 24 volt winding for the LM type meters.

The frequency ranges are BC221 & LM 125Kc to 20Mc. the TS—174 from 20Mc to 250Mc. the TS—175 from 85Mc to 1000Mc the TS-186D is from 100Mc to 10,000Mc. The operation of the BC, LM, 174 & 175 is almost identical except the 174 & 175 require a headset of 600 ohms to be plugged in to make them operate. You can make a dummy plug with a 600 ohm resistor to take the place of the headsets. The TS—186D has its own built-in AC 60 cycle power supply and has a meter and uses a cavity to tune. The TS—175 has a different antenna system using three pieces of coax with an antenna probe at end. TS—174 has it's antenna terminal on top of cabinet. The LM has it on side.

One way of using the frequency meters is to supply frequency SSB injection to your receiver. Clip lead from the meter to your antenna terminal, no connection, tune in sideband station and with meter on zero beat and tune off to one side and get very good AM quality audio. Works on CW too, leave set in AM position use meters as a BFO.

QFN-CW NET

by W4TRS

NCS Functions; W4TRS 14, K4KDN 12, WAHDH 9, W4LUV 6, K4VFY 5, WA4LBM 4, W4BVE 3, K-4COO 1, W4ATA 3, WA-4BAW 1, WA4IMC 1, K-4VNG/4 1.

Top QNI: W4TRS 54, K-4COO 49, K4BY 47, WA-4HDH 34 and K4KDN 28.

Traffic is down from last month as was last month from the month before. Summer vacations plus bad conditions has taken it's toll.

We need very badly to have a Net Bulletin published but no one seems inclined to stick out their neck. If more than one person could combine their forces it would be a much easier job. How about some volunteers?

As of today this station will be off the air due to the failure of my new power transformer after a short time. Don't know when I will be back.

AR

THE SILENT KEY

We dare not ask the reason, for it's
not our right to know
The secrets carried deep enough,
So that they do not show.
Instead we all should bow our heads
And ask the grace of He
Who'll welcome home to peace and rest,
Another Silent Key.

Good prayer to silent key this one to W1ZE by K1-VWZ Spark Gap Times Feb. 64.

A Letter Never Mailed

Dear Fellow Amateur:

Wednesday noon, July 22, 14.225mc WA4OZO, aeronautical mobile, you recall? For some fifteen minutes in between almost every exchange of conversation—BREAK AH BREAK no identification just BREAK AH BREAK. And that not being enough you started to call and identify some eight times right on top of the QSO!

Then you finally made it and what did you have to say? "thought you would like to know that you have a beautiful signal here in the south — been listening to you for the past half hour."

Now I must admit you did get results. Do you think it could be called good operating practice? Put yourself in the other fellow position. Would you have appreciated someone continually trying to break in before the QSO was even half finished? Yes, I know you are saying that it happens to you every day. With that I agree but that does not make it right nor does it assist in cleaning up these very poor operating practices.

I know you did not do this with malicious intent but it was quite obvious that it was WILLFUL INTERFERENCE and if you will go back thru the fine print of the FCC Regs you may find that it comes very close to if not being an actual violation. If you are going to call the local FCC office in order to argue the point that is your privilege. Regardless of that, it does not change

You may be quite annoyed with me by this time and feel that I should mind my own business. That is exactly what I am doing. When I hear someone causing unnecessary QRM on an already congested ham band I feel that in the interest of amateur radio it is my business to at least attempt to help clear it up.

If you do not like expression of views like these then don't leave yourself wide open with your questionable operating practices.

73 Onyx

POME TWO EDDITER

Dere Edditer:

Recd yer card
This is whut yew sed
Send us sum munney
Or yew is ded

Roses is red, Vilets is blue
Sent us tew bucks
Or yew is threw
Send us tew dollers
Yer subscription is due
We got plenty munney
But we want eures two (two bucks that is)

Heres yer dough
I hope you're happy
Though my reply was not so snappy
Two cards away I'm purty late
But dishin our dadburned munney is what I hate

Harry (pronounced Herry or Hairy) Hogwash W4GPE — Wauchula, Florida

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CQ THE SEVEN ELEVEN TRAFIC NET MANAGER

WA4BMC Net Manager

The "Seven-Eleven" traffic and Rag-Chewing Net had 21 sessions during July, with four different sections during each session. At 0030 gmt the beam is turned south, and NCS picks up stations south of the Palm Beaches. At 0110 gmt, the beam is turned north, and stations north of the Palm Beaches are picked up. At 0200 gmt, the beam is turned toward the Tampa, St. Petersburg, Sarasota, Lake Placid, and Arcadia area and stations are picked up in that direction. At 0215 gmt, the beam is turned directly west and Ft. Myers checks is and also any other stations west of the Palm Beaches.

92 pieces of formal traffic were handled during July, with and average of 4.38 per session. 10.38 stations checked in each night.

From the south, WA4GBM acts as assistant NCS and calls the net from Miami. In Jensen Beach, WA4IHH, Bill, does the same thing for his area. Up in Rockledge, Carl, WA4NEA, has been of enormous help, handling the net efficiently from his area, checking in stations in the Cape area that I can't even hear.

If there is no traffic, we rag chew, and the stations get acquainted with each other. If a station has no traffic he can check in just to say hello.

We welcome all stations, for our purpose is multifold. First traffic, then providing activity on two meters, then helping stations to get together and discovering band openings. So if you want activity on this band, listen for us. Frequency is 145.350, fundamental crystal is 8075. The NCS is always WA4BMC or WA4-AZZ and we are located in the Palm Beaches.

Many stations use our signal to help them get their converters and so forth working as they would like them to. If you can't get on frequency we will tune for you. But it helps to get you to VFO up on us or get a rock for 8075 because if we all stay together, then there is no QRM and we don't bother other stations.

If there is a National or International event of Great importance, then the net will not be on at that time. We were off during the Republican Convention, and on only for a short time during the Viet Nam Crisis, and we intend to be quiet during the Democratic National Convention.

Just to give an idea to anyone reading this, I have worked 372 individual stations on two meters in three years. This proves that there are many stations in Florida with two meter rigs. See you during August, I hope.

Bertha Fair Eggert

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Here is Mr. 160 himself, WIBB. World famious for many years on the 160 meter band. Stew has worked more 160-DX than any other amateur in the world. He has the antenna farm and QSLs to prove it WIBB is looking for more Florida amateurs on 160. Any takers gang? Stew calls the above station his "portable station". Note "handless" on all the equipment.

Amateur Radio In Space Ship

Recently WN4OHO became the first amateur, I believe to ever operate a station from within a space ship simulator. I was the pilot of the Science Center's new space simulator, "Marsflight III", on her maiden flight.

The purpose of the flight was to check out the equipment in the pilot's section of the 24 ft. simulator. After the cabin area in which I was to remain had been sealed off, I found I had only an area 3 ft. long, 4 ft. wide and 6 ft. high in which to spend my next 24 hours. Part of the equipment included was my Globe Chief 90A and my Gonset GR-212 Receiver. The antenna used was a 40 meter dipole on the roof of the Science Center.

Amateur Radio was to serve as a communications system using other amateurs to relay messages between the simulator and the ground control. Various contacts were made from the simulator. Local contacts included WA4BGW, WA4MQH, WA4NVR and WA4ILG in St. Petersburg. Larry, WA-4NVR, was worked crossband and cross-mode, with me on 40 CW and him on 10 AM.

Throughout the flight I had to correct simulated malfunctions that might occur on an actual space flight. A record of time was kept as to how long it took for me to correct these malfunctions. Another malfunction included was the failure of the attitude control panel, requiring reconstruction of a section of its wiring.

Food was consumed from tubes which contained various foods, such as apple sauce, strained peas, jello and two types of chemical nutrients.

One interesting thing about the flight was that because it was 24 hours long, it caused the first day that I never saw the outer world in the rememberable 13 years.

This venture proved once more that amateur radio can be applicable in many fields.

(WN4OHO in SPARC-GAP)

HAMBAR

For Sale Johnson Valiant $275.00 Hammarlund HQ170C $275.00. Hornet 3 bander $60.00. CDR Rotator $50.00. More than 100 feet of RG8U coax. Any reasonable offer will be considered, or first $500.00 cash and carry. John E. Kane, W4-KK, 1870 Coral Way, Miami, Fla. HI 3-4573.

FOR SALE: Collins 75A2, speaker and manual in perfect condition $245.00. Johnson factory wired Ranger $145.00 with manual and new spare 6146. Harvey-Wells T-90 transmitter 80 thru 10, 90 watts c.w. and 75 watts phone. Complete with power supply, key, mike and manual. Perfect for Novice or second transmitter, VFO or xtal only $89.50. Gonset 10-11 converter, ready to go. $6.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166 phone TU 8-3874.

URGENTLY NEED: More c.w. station to check in from Orlando, Jacksonville, Tampa, Cocoa area, Tallahassee and Key West, on QFN at either 6:30 or 10 PM on 3651kc any night of week. Come on you c.w. guys. K4KDN, Net mgr.

FOR SALE: 20 meter transceiver Heath HW-32, with GH-12 mike, speaker, HB 110VAC power supply-$150.00. Bill Bolles K4RCV, 109 S.E. 13th Ave., Ft. Lauderdale, Fla.

WANTED: HT-32 in any condition. Will sell or trade KWM-1 with a.c. power supply and speaker. Also have SP-400X for $75.00 as is. Wayne Cooper K4ZZV, 9302 N.W. 2nd Place, Miami Shores, Fla. Phone 757-1718.

FOR SALE: 2 meter Communicator II-B, 110VAC/12VDC, with xtals, mike, Hy-Gain halo with mobile mount and hump stand—$100.00. Bill Bolles K4RCV, 109 S.E. 13th Ave., Ft. Lauderdale, Florida.

FOR SALE: Hammarlund HQ-180 $270.00. Heath Two'er $35; both in perfect condition; Michael Borenstein WA4GBM, 940 N.E. 176th St., Miami, Florida. Phone WI 7-2767.

GENERAL CLASS LICENSE CLASS starts August 31, 1964 at Southwest Miami High School. Phone MO 7-5640 for information.

FOR SALE: 6 meter preamp International Crystal VFA-1 $5.00; knight Antenna Z Bridge $5.00; 3-inch RCP scope with direct connections to vertical plates for RF monitoring $20.00; BC455 6 to 9 mc receiver with AC power supply and speaker $10.00; 6 meter beam $7.50; want to swap Telrex TC-99 full KW rated triband beam for TA33 Jr. Bill Bolles K4RCV, 109 S.E. 13th Ave., Ft. Lauderdale, Florida.

WANTED: Converter for 220 Mc with xtal for 28-30 Mc in good condition, reasonable. Al Johnson K7-VQI, 5018 E. Cooper Street, Tucson, Arizona 85711.

FOR SALE: Collins 75A3, 3.1 kc mech. filter, one owner, excellent co dition, with manual. $300.00. Frank Butler, W4RKH. 494 Elliott Road, Fort Walton Beach, Fla. 32-548.

FOR SALE: Adcom transistor mobile power supply 250-12 for popular transceivers, brand new, $75.-00. New Jennings UCS-500 vacuum variable, 500 pf 10 kv, $45.00. Pair brand new unused Eimac 3-400Z triodes $20.00 each. New Eimac SK-416 chimneys $4.00 each. Pair new 813's, $7.50 each. Dick Ehrhorn WA4NGO, 13315—108th Ave., North., Largo, Fla. 33542.

FOR SALE: Complete SSB station, Swan 240 transciever, SW117 a.c. power supply, Adcom 350—12 d.c. power supply, 20 — 40 — 80 meter hustler whips, MM-1 Collins mike, home brew 4-811 KW linear $400.-00. Also 40 foot Rohn tower, Hygain 40 meter beam. AR-22 rotator $125.00 F.M. Durst WA4GVG, 2808 Paine Lane, Orlando, Fla. 277-8755.

FOR SALE: Collins 32S1 and 75-S3 $825. cash. No trades. Hunter bandit 2000-A $325.00. Tom Baker WA4JTS, 5200 SW 59th Ave., Miami 33155 phone MO 1-5960.

FOR SALE: Knight VFO, $20.00 is in excellent condition and guranteed to satisfy. Kenneth G. Kopp, WA4-HAA, 7415 41st Ave. N., St. Petersburg, Fla. 33709.

FOR SALE: Collins KWM-1 with a.c. power supply perfect condition, new PTO. $375.00, cash only. Paul Kline W4IQN, 3185 SW 27th St., Miami, Fla. 448-7393.

FOR SALE: Gonset GC-105 two meter transciever $175.00, manual cards, 6, 12 v.d.c. plus 115 v.a.c. SWAN-240, perfect shape $219.00 with manual. Gaylord Jones Jr. K4-YOX, 726 Warwick Pl., Orlando. Phone GA 5-0952.

FOR SALE: Complete mobile rig or base station, Lafayette HE-45, 6 meter transceiver with matching HE-61, VFO, Saturn Six Halo, mike, coac and all accessories best offer. Him Judson WA4BAW, 940 Arabia Ave., Opa-Locka, Fla.

FOR SALE: NC - 303 with calib. $250.00. AMECO TX-86 $50.00. Heath HX-20/HR-20 with HP-10 supply $220.00. Eldico EE-3 Keyer $35.00. Terado 12VDC-110 a.c. 100 watt inverter $20.00. Ameco 6 meter converter $15.00. 7 foot enclosed Premier deluxe rack $40.00. Loudenboomer 1 KW PEP linear less power supply $185.00. F.O. Bartholomow K2EFA, 137 W. Broad St., Millville, N.J.

FOR SALE: Gonset G-20 transmitter -receiver with Ameco pre-amp. 6 meter operation, 48 watts input. Converted to a G-50. $185.00. HW HW-32 single band 20 meters, sideband transceiver with power supply and crystal calibrator $165.00. New Raytheon 4D32 tube, list #32.76 will take $15.00. Ameco SWR meter and bridge $18.00. Original 32V2 manual, not a reprint $5.00. All FOB, William R. Jacobs K4AVV, 628 Lexington St., Dunedin, Fla.

FOR SALE: Coaxial RF cable, low loss 50 ohm impedance .5 DB at 144 Mc., 6 DB at 220 mc. and .9 DB at 440 mc. this cable is air dielectric. It is the ultimate in rf coax and will last indefinitely. For info. contact JOHN LINK W4BME, 542 Jupiter Rd., Indian River City, Fla. AM 7-2372.

WANTED: Stancor A-3893 modulation transformer or equivelant. Jim Petro K4FMB, Box 502, Waynesboro, Ga.

FOR SALE: HQ100 general coverage receiver. BC-794 receiver with power supply 1250 kc to 40 mc. BC-221 with calb book. SCR-522 case rack and receiver and transmitter. SCR-522 transmitter in case and converted for table top use with RE 62 power supply AF-62 transmitter with power supply. Viking Ranger. Gene Starr WA4JDB, 856 Clarke Ave., Eau Gallie, Fla.

FOR SALE: Drake TR-3 transceiver. Drake MS-3 speaker, Drake AC power supply, astatic model D-10 mike with push to talk stand. $500.00. Charles Burch K4HN, 1361 SE 4th St., Deerfield Beach, Fla. 33441. Phone 399-5063.

FOR SALE: HRO-60 $235.00. HT-37 $305.00. SX101 $250.00. SX100 $200.00. Elmac AF-67 with PMR-7 receiver and M-1070 power supply and mike $150.00. Simpson 260 VOM $30.00. Eugene Blake, M.D., K4OHR, 1806 Gibbs Drive. Tallahassee, Fla.

FOR SALE: HQ110C, 80 thru 6 meters receiver fine condition $125.-00. R. Frederick K4UGC, 460 N.W. 108th Terr., Miami, Fla. 33168.

FOR SALE: Heath Apache TX-1 and SB-10 SSB adapter $250.00. Curt Parrish W4SVX, 272 West Laila Dr., Melbourne, Fla. Phone 723-6111.

FOR SALE: 3.5 to 30 mc continous tuning Johnson desk model KW with desk. In perfect condition. Total operating time less than 1500 hours. 300 or 1000 watts AM CW or SSB at flip of switch. Come try it or will demonstrate on the air for you. Merritt stoner W4BJI, 628 W. Park St. Lakeland, Fla. 682-5390 evenings.

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Florida Skip would like to offer the following items free of charge to our subscribers. Send at least one 4 cent stamp with your request to: SKIP, Box 501, Miami Springs, Fla. 33166.

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9. Florida AREC Manual of Operations.
10. AREC Application blanks.
11. Sample constitution and by-laws for forming radio club.
12. Suggested ideas for amateur publicity.
13. Final SET reports for 1962-1963.
14. SKIP VHF contest rules and Fla. map. (Certificated awarded)
15. The art of living. (When you feel down in dumps.)
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MEMBERSHIP CHANGES OF ADDRESS

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In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

Ft. Pierce Splatter

The Ft. Pierce Radio Club elected the following officers for the coming year: Earl Spiegel, W4RGJ President; Rudolph Miller WA4ESG Treasurer; Earl C. Snyder W4AYD Secretary. The Club has 15 active members.

We took part in the last Field Day and much was learned about portable operation.

The club misses K4JZU Rollin and K4OII Barry who have moved out of town, Rollin to Ormond Beach and Barry is working in Melbourne. The club is starting another code and theory class for several interested people. 73 Earl C. Snyder, W4AYD.

Switch To Safety

In recent years, amateurs have been electrocuted and others have suffered injury, caused by the failure of bypass capacitors in the primary circuit of AC power supplies. The type of accident can be avoided by the use of a common ground system linking all equipment chassis to a water pipe or other good ground connection. Send a stamped self addressed envelope with a note to ARRL requesting a copy of the Safety Code.

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THE HAM SHACK
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While waiting for their breakfast at the Miami Hamboree last January we have, left to right around the table: WA4JYB, W4JYB, W4MLE (SEC W. Fla.): W4EHY, WA4DHU, WA4BOZ, W4EHW, W4BVE, K4SJH, W4IEI, WA4IXI and K4KDN Net. Mgr. QFN. This was known as the "QFN Net Breakfast". (Photo was K4FMA.)

FLAMINGO NET NEWS

Walt Dixon W4DWN

July 18th and 19th the Flamingo Net ably assisted by the Broward Emergency Net and the West Palm Beach Radio Club successfully handled the communications for the annual Gold Coast Marathon power boat race. 10 and 6 meters was used at the Miami end of the circuit, while Broward used 10, 6, and 2 meters with West Palm Beach using 2 meters. All these circuit were interconnected so a smooth flow of traffic was accomplished. The Pelican Harbor Yacht Club sponsers of the race wishes to pass along their heartiest congratulations to all who participated.

Getting everyone on frequency in a Net has always been a vexing problem. The other night the Net held a Contest, without telling the members what it was all about, with this theme in mind. W4MNN-Charlie our Activities Chairman ran the Contest. He had each member make a short transmission on frequency. Net member were a little bewildered as to the exact nature of the Contest but Charlie revealed what it was all about when everyone had made a transmission. As the members transmitted Charlie would check their frequency in relation to the Net frequency. The up shot of this was he found WA4NHT-Mel was the closest to exact zero beat with Net Frequency. This Contest kinda woke up a few of the Birds up in regard to their zero beating of Net Frequency and there has been a definite improvement lately at Net meetings. Mel received a gift certificate for his winning of this event.

WA4BZB-Joe finally got rid of his line noise via the Florida Power and Light route. They came out and fixed Joe up real FB.

W4WYR-Evelyn was in the hospital here recently but is back home now doing fine. She reports that when her harmonic was mowing their yard he ran the mower over the 75 meter dipole laying on the ground and cut it up into small pieces. So no 75 meter operation.

W4WGU- Fred is also back from his vacation. He also has got his big rig working again and is coming in loud and clear.

K4SDR - Russ is having bird trouble. Seems a big ole black bird is using his beam for a roost and the other day as he was working bending over in the yard, the bird zoomed down and banged him in the rump. Attacked him! Russ is still shaking his head over that one.

B C N U on 10 meters
73 Walt Dixon W4DWN

WFPN Has New Manager

As a result of elections held during the latter part of June, K4NMZ - Bob Babcock—of Milton, Florida has assumed the duties of Net Manager of the West Florida Phone Net. Bob, presently stationed at NAAS, Whiting Field, takes over the job previously held by Dick Ackerman, WA4FIJ.

Dick, along with his XYL Ellen, had held the post of Net Manager for 20 months, but stepped down from the job because of their impending transfer from Panama City this fall. The Ackermans also published a quarterly news and information bulletin for their net (QRV?), parts of which have been reprinted throughout the country.

Bob has announced no major change in net policy, but has indicated that the net will carry on with the same high standards as before.

CLUB NOTICE CHANGE

A note of correction, West Palm Beach Radio Club now meets every Monday night. First Monday, business meeting, others are informal and social. Still meet at West Palm Beach Civil Defense in Howard Park. Winn Hall, K4KKW, Sec. WPBRC.

SILENT KEYS

It is with deep regret that we record the passing of the following Florida amateurs:

W4WPF, Marvin Kaniss, St. Petersburg, Fla.

K4UFW, Larry Brown, Homestead, Florida.

WA4RIU, William B. Case, Miami, Florida.

W4VCX, Col. Guy Stewart, Brandon, Fla.

PHILADELPHIA, PA.—IN APPRECIATION—Mrs. Alfred Burke W3CUL is presented with a recording of the Marine Corps Band and Basic School Chorus by Col. William H. Junghens, Jr., Director of the 4th Marine Corps District, on behalf of the Commandant of the Marine Corps, for her amateur radio work with Marines over the past fifteen years. Ceremonies were held at Fourth Marine Corps District Headquarters in Philadelphia on May 20, 1964. Front left is Mr. Burke W3VR. The Commandant sent Mrs. Burke a letter of appreciation earlier, which read in part: "The cooperation and assistance you have extended to Marine amateur radio operators in transmitting personal messages for Marines has contributed significantly to the high state of morale of Marines in every corner of the world. The true value of your contribution can be measured only by the relief, the joy and the comfort you have brought to thousands of Marines and their families." The Commandant continued, "Your unflagging support has materially aided our amateur radio operator program and greatly enhanced the ability of Marines overseas to maintain a tie with their loved one at home. These unselfish personal efforts are a manifestation of the American traits of loyalty, devotion and patriotism so necessary for the preservation of our country." Our sincere congratulations to Mae on this wonderful award.